FIGURE 1 - PRIOR ART

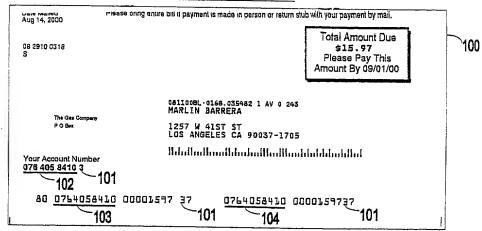


FIGURE 2 - PRIOR ART

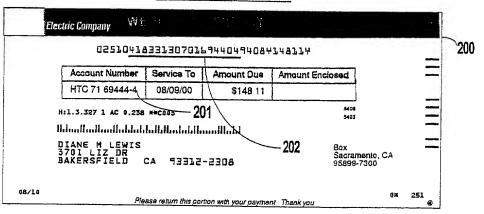
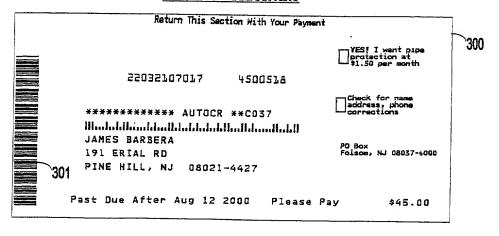
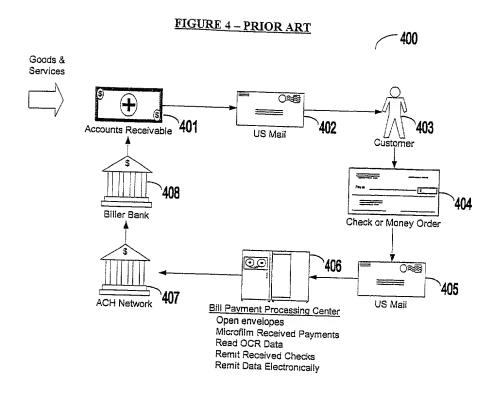


FIGURE 3 - PRIOR ART





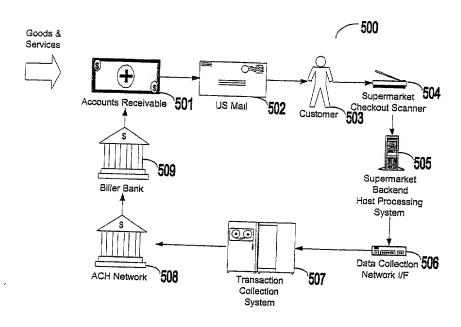


	FIGURE 6	600
L1	Bar Code Symbology with Embedded Check Symbol < 601	,
L2	(fd) (data) (cd) <= 602
L3	(fd) (data) (data	.) (cd) < 603
L4	(fd) (data) (cd) (fd) (data) (data) (cd)<= 604
[u <=[605	

FIGURE 8

LEVEL 1 ENVELOPE 800



LEVEL 2 ENVELOPE

1300017350764058410363

Digit	Weight	Digit*Weight	Sum of Digits	Running Sum
1	1	1	1	1
3	3	9	9	10
0	1	0	0	10
0	3	0	0	10
0	1	0	0	10
1	3	3	3	13
7	1	7	7	20
3	3	9	9	29
5	1	5	5	34
0	3	0	0	34
7	1	7	7	41
6	3	18	9	50
4	1	4	4	54
0	3	0	0	54
5	1	5	5	59
8	3	24	6	65
4	1	4	4	69
1	3	3	3	72
0	1	0	0	72
3	3	9	9	81
6	1	6	6	87
3				

900

LEVEL 3 ENVELOPE

—1000

Format Designator Value - 3 Ex	ample - 3 000173 5 0764058410 3 6
1 Digit Format Designator Value = 3 <- 100	
6 Digit Biller Identification Number	1002
1 Check Digit of preceding 6 digits using 37	1371 weights. MOD10 algorithm <= 1003
Number of Components (1 Fixed Length (7),	1 Variable Length) (By Definition)
Customer Account Number with embedded (and known algorithm) check digit (3) <= 1005
Calculated check digit of Level 3 data using	2121 weights, Split MOD10 algorithm (6) <= 1006

FIGURE 11

LEVEL 3 ENVELOPE

— 1100

·	
Format Designator Value - 4	
1 Digit Format Designator Value = 4 (1101) 6 Digit Biller Identification Number (1102)	
6 Digit Biller Identification Number	
1 Check Digit of preceding 6 digits using 371371 weights. MOD10 algorithm < 1103	
Number of Components (1 Fixed Length (7), 1 Variable Length) (By Definition)	ľ
Customer Account Number with added check digit to be discarded before presentment to biller (3)	1105
Calculated check digit of Level 3 data using 2121 weights, Split MOD10 algorithm (4)	1100

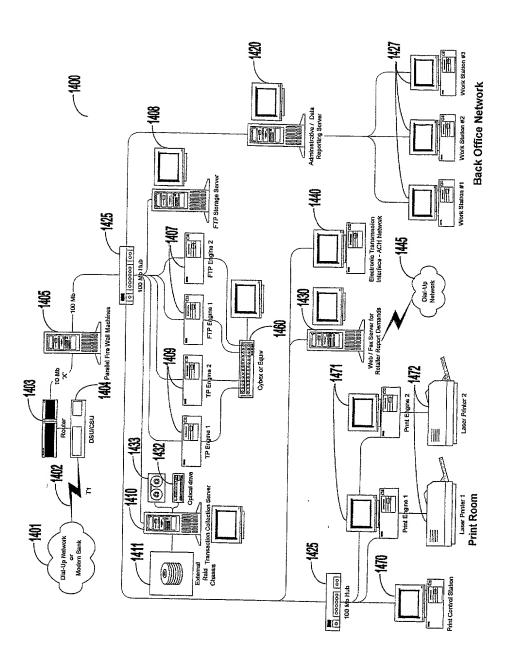
VALID ACCOUNT NUMBER

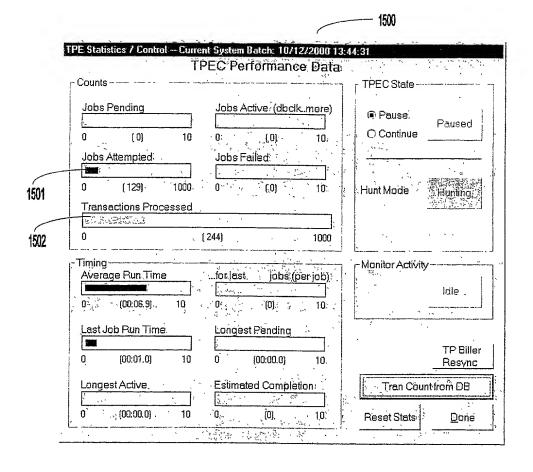
	Checkout Scanner	Retailer Host Processor	DCNI unit
1201;⇒	· Read Bar Code →		
1202 =>		Validate Bar Code →	
<u>1203</u> ⇒			← ACK, return Biller Name/Account #
1204 =>	← Query Amount to be paid		
[1205]=>	Amount →		
1206 =>		Bar Code + Amount →	
[1207 =>			Store Transaction Data
1208	•		← ACK, return Transaction ID
1209 ⇒	← Print Biller Name, Accou	nt #, Transaction ID	

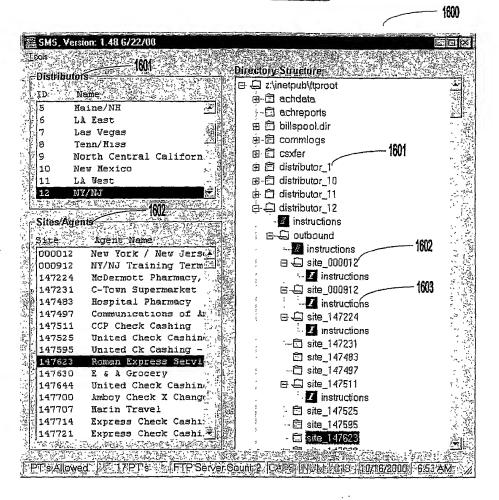
FIGURE 13

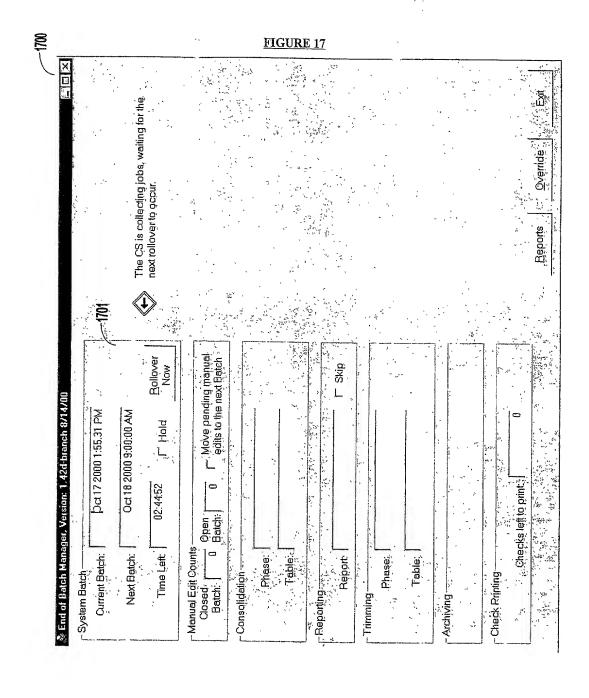
INVALID ACCOUNT NUMBER

	Checkout Scanner	Retailer Host Processor	DCNI unit
1301⊨>	Read Bar Code ->		
<u> 1302</u> =>		Validate Bar Code →	
1303 ⇒			← NAK, return reason code
[1304]⇒>	← Reject Payment		









							-			:-				1					_							
Edit Loningujation	Edit Electronic	Trading Partner	n et aili s		UnGrey Create		_	· -	Map Biller to	Trading / Memo	Rosting Partner				75.5	Time Queued	2000/10/11 14:47:	2000/10/12 02 46.	2000/10/12 14:30:	2000/10/12 14.29:	2000/10/12 14:23	-	2000/10/12 14:46:	`.`. \		Response File Benots:
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nt Total Amount	1,226.58	3,865.72	17,967.98	2,084.31	2,558.86						, L e	A STATE OF THE STA		Ach Daile	חוו	int ACHInfo	23 Memo Pos				31 20001012		_	And the state of t	} ·	Report
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	:04:00	:09:17	11:46:12	:02:50	13:33:57	:38:12	:07:15	:45:51	: 44:31 🔻	1		Disabled Partners As Well	3	i:L	2	Starting SBN	2000/10/11	2000/10/1	2000/10/11	2000/10/11	2000/10/11			Contidual of the Page 186.	`,`	
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-1900	FIGURE 19
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